

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE
STATE OF NEVADA HERETOFORE APPROPRIATED**Date of filing in State Engineer's Office. **JUN 10 1993**

Returned to applicant for correction

Corrected application filed

Map filed **JUN 10 1993**The applicant **Pace Enterprises****369 Railroad Street**of **Elko**

Street and No. or P.O. Box No.

City or Town

Nevada **89801**

State and Zip Code No.

hereby make ^s application for permission to change the

Point of Diversion

Point of diversion, manner of use, and/or place of use

of water heretofore appropriated under

Permit no. **49234**

Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and

identify right in Decree.

1. The source of water is. **Underground**

Name of stream, lake, underground spring or other source.

2. The amount of water to be changed. **2.0 cfs**

Second feet, acre feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for. **Geothermal (Space Heating)**

Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

4. The water heretofore permitted for. **Geothermal (Space Heating)**

Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

5. The water is to be diverted at the following point. **NE 1/4 SW 1/4 of Section 1, T 34 N, R 55 E,**

Describe as being within a 40-acre subdivision of public survey and by course and

MDB & M., at a point from which the SW corner of said Section 1, bears S 34° 35'
distance to a section corner. If on unsurveyed land, it should be stated.**32" W, 2383.25 feet.**6. The existing permitted point of diversion is located within. **SW 1/4 NE 1/4 of Section 11, T 34 N,**

If point of diversion is not changed, do not answer.

R 55 E, MDB & M., at a point from which the Center 1/4 corner of said Section 11,
bears S 55° 49' 04" W, 1450.21 feet.7. Proposed place of use **Portions of the following: SE 1/4 NW 1/4, NE 1/4 NW 1/4,**

Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.

SW 1/4 NE 1/4, NW 1/4 NE 1/4, NE 1/4 NE 1/4, SE 1/4 NE 1/4 of Section 11; NW 1/4
NW 1/4 of Section 12; SW 1/4 SW 1/4, NW 1/4 SW 1/4, NE 1/4 SW 1/4, SE 1/4
SW 1/4 Section 1, SW 1/4 SE 1/4, SE 1/4 SE 1/4 Section 2, All in T 34 N, R 55 E,
MDB & M.³ 8. Existing place of use. **Same as Above**

Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or

manner of use of irrigation permit, describe acreage to be removed from irrigation.

9. Use will be from **January 1** to **December 31** of each year.

Month and Day

Month and Day

10. Use was permitted from **January 1** to **December 31** of each year.

Month and Day

Month and Day

11. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and
specifications of your diversion or storage works.) **Drilled and Cased Well, pump,**

State manner in which water is to be diverted, i.e. diversion structure.

Distribution System.
ditches, pipes and flumes, or drilled well, etc.12. Estimated cost of works. **\$250,000**13. Estimated time required to construct works. **Three years**

14. Estimated time required to complete the application of water to beneficial use Five years

15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:

If sufficient volume and temperatures are developed the applicants may heat 4 Motels, 2 Service Stations, various buildings within a shopping mall, greenhouse and a Subdivision. After heat extraction water may be used for irrigation or possibly used for fish propagation. Use September thru May is 897.66 gals/min, 24 hr/day, 273 days = 352,888,099 gals/yr. Use May thru September is 224 gals/min, 24 hrs/day, 92 days = 29,675,520 gals/yr. The total consumptive use is 382,563,619 gals/yr.

High Desert Engineering, Agent
By s/ Robert E. Morley
Robert E. Morley
640 Idaho Street
Elko, NV 89801

Compared nsr/ gkl ab/vw

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the point of diversion of the waters of an underground source as heretofore granted under Permit 49234 is issued subject to the terms and conditions imposed in said Permit 49234 and with the understanding that no other rights on the source will be affected by the change proposed herein.

It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production well and the amount of fluid injected into the injection well to determine the total amount of fluid diverted and consumed for a beneficial use.

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well and no other uses of this geothermal fluid is authorized. The issuance of this permit does (CONTINUED ON PAGE 2)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 2.0 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before April 13, 1995

Proof of completion of work shall be filed before May 13, 1995

Application of water to beneficial use shall be made on or before April 13, 1996

Proof of the application of water to beneficial use shall be filed on or before May 13, 1996

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed _____

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.

Proof of beneficial use filed _____

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 11th day of April

Cultural map filed _____

A.D. 19 94

Certificate No. _____ Issued _____

[Signature]
State Engineer

agent
WITHDRAWN BY APPLICANT

MAY 24 1999

(PERMIT TERMS CONTINUED)

not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies. A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal fluids to the source must be submitted together with the Proof of Completion.

An annual report for this well must be filed under this permit describing the amount of geothermal fluid diverted and consumed to a beneficial use for the calendar year. This report must detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid shall be limited to 1448 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 10% of the volume withdrawn annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

A semi-annual report must be submitted to the State Engineer on January 1 and July 1 of each year detailing the amount of water diverted and placed to beneficial use and the temperature and electrical conductivity readings of the extracted fluid.

If pumpage under this permit has any adverse effect on existing rights at any future date, then withdrawals and consumptive use may be further limited.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

